

or a kind of polymer, as shown in FIG. 1A.

The aforesaid stain resistant agent is permeated into tissue paper or unwoven cloth so that the treated surface is rubbed with the tissue paper etc. about ten times, whereby the stain resistant agent is applied to the treated surface. The stain resistant agent applied to the treated surface is dried about ten minutes such that the silanol group of the addition compound and the silanol group on the surface of the ceramic product are combined with each other by siloxane (Si-O-Si) by means of dehydration. As a result, the addition compound and the treated surface of the ceramic product are strongly combined together. Thereafter, the stain resistant agent which has not reacted yet to remain on the treated surface is eliminated with ethanol.

Thus, a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 so that a stain resistant treatment is applied to the treated surface, as shown in FIG.1B.

Test example 2:

A stain resistant agent 2 as shown in FIG. 2A is employed and a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 as shown in FIG. 2B. Parenthesized numerals in FIG. 2A designate ratios of groups of C_8H_{17} and CH_3 . The following is the same. The other condition in the test example 2 is the same as that in the first test example.

Test example 3:

A stain resistant agent 2 as shown in FIG. 3A is employed and a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 as shown in FIG.

3B. The other condition in the third test example is the same as that in the first test example.

Test example 4:

5 A stain resistant agent 2 as shown in FIG. 4A is employed and a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 as shown in FIG. 4B. The other condition in the fourth test example is the same as that in the first test example.

Test example 5:

10 A stain resistant agent 2 as shown in FIG. 5A is employed and a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 as shown in FIG. 5B. The other condition in the fifth test example is the same as that in the first test example.

15 Test example 6:

A stain resistant agent 2 as shown in FIG. 6A is employed and a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 as shown in FIG. 6B. The other condition in the sixth test example is the same as that in the first test example.

Test example 7:

A stain resistant agent 2 as shown in FIG. 7A is employed and a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 as shown in FIG. 7B. The other condition in the seventh test example is the same as that in the first test example.

Test example 8:

A stain resistant agent 2 as shown in FIG. 8A is employed

and a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 as shown in FIG. 8B. The other condition in the eighth test example is the same as that in the first test example.

5 Test example 9:

A stain resistant agent 2 as shown in FIG. 9A is employed and a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 as shown in FIG. 9B. The other condition in the ninth test example is the same
10 as that in the first test example.

Test example 10:

Two stain resistant agents 2 as shown in FIG. 10A are employed and a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 as shown in FIG.
15 10B. The other condition in the tenth test example is the same as that in the first test example.

Test example 11:

A stain resistant agent 2 as shown in FIG. 11A is employed and a layer comprising the stain resistant agent 2 is formed on
20 the treated surface of the ceramic product 1 as shown in FIG. 11B. The other condition in the eleventh test example is the same as that in the first test example.

Test example 12:

A stain resistant agent 2 as shown in FIG. 12A is employed
25 and a layer comprising the stain resistant agent 2 is formed on the treated surface of the ceramic product 1 as shown in FIG. 12B. The other condition in the twelfth test example is the same as that in the first test example.